

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 21084 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 26 2020

See axaff21084N003_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.072929546475

Comments

One optional chip was dropped.

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A spatial region of the original bias map for CCD = 3 suffered from anomalously high data values. Pixels in the event data that were bias-corrected by one of the original affected bias pixels may have an apparent energy shift. While the change in energy is expected to be small (~20 eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for CCD = 3 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation. The pixels affected by the anomaly are bounded by sky coords: (228.76580,13.78235), (228.76646,13.78500), (228.62675,13.81730), (228.62610,13.81465).

seq_num	801671	Sequence number
obs_id	21084	Observation id
title	Determining the Universality of f _{gas} at High Redshift	Proposal ti
observer	Mark Brodwin	Principal investigator
object	MOO J1514+1346	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	228.677917	Observer's specified target RA [deg]
dec_targ	13.775278	Observer's specified target Dec [deg]
ra_nom	228.62419859192	Nominal RA [deg]
dec_nom	13.789271735994	Nominal Dec [deg]
roll_nom	166.61566019931	Nominal Roll [deg]
revision	3	Processing version of data
ontime	30072.929541826	Sum of GTIs [s]
livetime	29680.004577994	Livetime [s]
ontime0	30072.806481957	Sum of GTIs [s]
ontime1	30069.706421256	Sum of GTIs [s]
ontime2	30076.029572129	Sum of GTIs [s]
ontime3	30072.929541826	Sum of GTIs [s]
l2events	84059	Number of level 2 events

